



ENVIRONMENTAL CONSULTANTS

311 S. WACKER DRIVE, SUITE 1670
CHICAGO, IL 60606
(P) 312.465.1740
(F) 262.523.9001

**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: February 24, 2012

Prepared By: Natural Resource Technology, Inc. (NRT)
Timothy B. Norris, PG
Ronald J. Horan
John M. Nardozzi, PE

Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: February 12, 2012 through February 18, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Task	Environmental Activities
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Areas O, P & R are being excavated down to ten feet below ground surface (bgs).• Excavated soils were loaded and transported to Waste Managements' Laraway Road RDF landfill for disposal.• NRT conducted daily air monitoring activities including DustTraks, SUMMAs, and PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.• Thatcher (sheetpile contractor) began to install in the sheetpile wall along the southern boundary of Area N.• Utilized GPS to locate pertinent items and features.• Backfilled and compacted Area V.
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none">• Four excavation floor samples (EB-007, EB-008, EB-009 and EB-010) and one excavation wall sample (EW-012) were taken from Area O, P & R. Parameters included TPH GRO, TPH DRO, PVOCs, site-specific PAHs, site-specific phenols, cyanide, and site-specific metals.• DustTraks collected data each day and been downloaded for analysis.• Six SUMMA canisters were deployed and sent to STAT Laboratory for analysis for BTEX and Naphthalene.

Task	Environmental Activities
NRT Field Personnel:	Timothy B. Norris, PG and Ronald J. Horan
Equipment Deployed:	SUMMA Canisters DustTraks PID
Field Photos:	See attached sheets.

Work planned for the coming week, February 19, 2012 through February 25, 2012, is as follows:

- Continue excavating Areas P, R, and Q, and conduct appropriate excavation wall and floor soil sampling. Soils samples will be analyzed for TPH DRO, TPH GRO, site-specific PAHs, PVOCs, site-specific metals, site-specific phenols, and cyanide.
- Continue air monitoring, including two days of 12-hour SUMMA can sampling. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation and air sampling from Pace Laboratory and STAT laboratory.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: View of excavation of Area P.

Direction: Facing west

Photo Date: 2/14/2012

Photo Taken By: RJH



Photo 2: View of truck loading with scale.

Direction: Facing northwest

Photo Date: 2/14/2012

Photo Taken By: RJH



Photo 3: View of Area O excavation.

Direction: Facing northeast

Photo Date: 2/16/2012

Photo Taken By: RJH

Field Photos (continued):



Photo 4: Backfilling of Area V

Direction: Facing west

Photo Date: 2/17/2012

Photo Taken By: RJH



Photo 5: A view of excavation areas O, P, and R.

Direction: Facing southwest

Photo Date: 2/17/2012

Photo Taken By: RJH



Photo 6: A view of truck loading activities.

Direction: Facing southeast

Photo Date: 2/17/2012

Photo Taken By: RJH



1431 Opus Place, Suite 400
Downers Grove, Illinois 60515

Week of: 2/12/12 to 2/18/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Project Manager

-

Others

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Great Lakes Soil
- Helm Electric
- Thatcher Foundations
- Midwest Fence

Others

- Natural Resource Technology (NRT)
- Waste Management (Dave Weber, Steve Jiskra)

Integrays Peoples Gas Personnel Onsite

- Naren Prasad
- Jeff Gabriel
- Tony Gleiznis
- Sergio Martinez

Miscellaneous Visitors

- None

Site Activities

BURNS & MCDONNELL

- Coordinated site activities with Tecnica Environmental, North Shore Environmental, and other subcontractors on site;
- Began hauling out soils for disposal to Laraway Landfill;
- Issued trucking tracking forms for all excavated soils;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area;
- Had a meeting with Peoples Gas anode maintenance group to plan a strategy for excavating in an existing anode field providing corrosion protection for the HP gas pipes;
- Held the weekly site construction meeting with supervisors of Subcontractors, NRT, Waste Management; and
- Monitored site conditions for traffic, dust, and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Finished excavated and loaded out soils from Areas O and P;
- Continued excavating soils from Areas Q and R;
- Excavated a test pit north of Area A to find extent of material that may need to be loaded out in the potential dig area;
- Controlled odors through foaming and wood chips use;
- Assisted NRT in sampling open excavation areas;
- Pre-trenched for Thatcher sheeting in south end of west property line and most of the south sheeting run;
- Excavated a hole to top of sewer at end of south sheeting line to facilitate installation of vibration monitoring equipment;
- Cut the primary anode wire and coiled in accordance with Peoples Gas anode meeting recommendations; and
- Finished a test pit to find extent of possible soils for removal outside and north of excavation area.

GREAT LAKES SOIL

- Performed compaction testing on one-foot lifts of CA-6 during backfill of Area V.

HELM ELECTRIC

- Performed periodic maintenance on power generators.

THATCHER FOUNDATIONS

- Installed sheeting along the west property line fence and started the south sheeting run.

MIDWEST FENCE

- Finished installing the 12-ft. high fence around the pressure reducing area; and
- Continued installing the west property line permanent fence after sheeting completed.

Changes to Scope of Work

- Special handling of anode field during excavation requiring cutting lead wire, interim welding to sheeting, re-establishing connections while backfilling after excavating partially exposes each of the 8 anodes.

Open/Outstanding Items

- MWRD inspection to be done next week. Water cannot be pumped from excavations, treated, and discharged until that permit is issued.

Anticipated Activities for the Week of February 19, 2012

- Continue to excavate and load soils for disposal from Areas Q and R;
- Begin excavation in Areas A and B along west property line;
- Finish installation of south sheeting run;
- Perform vibration monitoring by CTI (Construction Testing Instrumentation) on sewer during the south sheeting line installation;
- Finish installing permanent fence along the west property line; and
- MWRD inspection of water treatment system and permit issuance.



Crawford Station Site:

Remediation

Date: February 13, 2012

Description: View to south of excavation for materials being loaded out for disposal in Areas Q and R to 10 feet below ground surface (bgs).



Crawford Station Site:

Remediation

Date: February 13, 2012

Description: Piles of concrete and brick rubble resulting from pre-trenching for Thatcher along the south sheeting line. This view is to the southwest, over top of the anode field.



Crawford Station Site:

Remediation

Date: February 13, 2012

Description: Thatcher driving sheeting along the west property line from north to south. View is to the west.



Crawford Station Site:

Remediation

Date: February 15, 2012

Description: Looking east at fabric being installed on the 12-foot high fence (west portion) to protect sensitive equipment from dust in the pressure control area.